

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 039-D6305

Farm name: SAMPLES Operator Well No.: 4

LOCATION: Elevation: 973' Quadrangle: _____

District: Big Sandy County: Kanawha
Latitude: 38.503479 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: 81.365580 Feet West of _____ Deg. _____ Min. _____ Sec.

Company: Raven Ridge Energy

Address: <u>3230 Pennsylvania Ave Charleston WV 25302</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Agent: <u>Ryan Cunningham</u>				
Inspector: <u>Terry Wilson</u>				
Date Permit Issued: <u>07/29/2011</u>		<u>9 5/8</u>	<u>375</u>	<u>CTS</u>
Date Well Work Commenced: <u>11/4/2011</u>		<u>7"</u>	<u>1767</u>	<u>CTS</u>
Date Well Work Completed: <u>12/12/2011</u>		<u>4 1/2</u>	<u>2308</u>	<u>120 sks</u>
Verbal Plugging: <u>N/A</u>				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>2351</u>				
Total Measured Depth (ft): <u>2351</u>				
Fresh Water Depth (ft.): <u>N/A</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (NY)?				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (NY) Depth(s)				

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MAY 18 2012

WV Department of
Environmental Protection

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation WEIR Pay zone depth (ft) 1944
Gas: Initial open flow 300 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 280 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 210 psig (surface pressure) after 54 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

[Signature]
Signature

5/14/12
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list

Density / Induction / Temperature Gamma Ray / Neutron

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

PERF 1944 - 2206 (40 HOLES) 750 BBI 75%
Quality Foam Treatment w/ 500 GAL 15% HCL
Acid ! 36000 lbs 20/40 SAND

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:

Top Depth

Bottom Depth

Surface:

<u>SAND ! SHALE 0 - 320</u>	<u>SQUAW 1855 - 1905</u>
<u>SAND 320 - 460</u>	<u>SHALE 1905 - 1980</u>
<u>SAND ! SHALE 460 - 800</u>	<u>WEIR 1980 - 2110</u>
<u>SAND 800 - 830</u>	<u>SHALE 2110 - 2284</u>
<u>SAND ! SHALE 830 - 1130</u>	<u>COLE SHALE 2284 - 2300</u>
<u>SAND 1130 - 1155</u>	<u>SHALE 2300 - 2351</u>
<u>SHALE 1155 - 1218</u>	
<u>SALT SAND 1218 - 1500</u>	
<u>SHALE 1500 - 1555</u>	
<u>MAXTON 1555 - 1670</u>	
<u>SHALE 1670 - 1704</u>	
<u>LITTLE LIME 1704 - 1722</u>	
<u>PENCIL CAVE 1722 - 1730</u>	
<u>Big lime 1730 - 1760</u>	
<u>Big INJUN 1760 - 1855</u>	

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-07
API #: 4704105500

Farm name: Bott Operator Well No.: 511456

LOCATION: Elevation: 1510 Quadrangle: Roanoke

District: Unknown County: Lewis, WV
Latitude: 38.92071 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude -80.40872 Feet West of West Deg. _____ Min. _____ Sec.

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700				
625 Liberty Avenue, Pittsburgh, PA 15222	20	42	42	
Agent: Cecil Ray	13 3/8	1,262	1,262	1,125.6
Inspector: Tim Bennett	9 5/8	4,954	4,954	1,707.31
Date Permit Issued: 2009-01-12	5 1/2	10,563	10,563	1,576.8
Date Well Work Commenced: 2010-10-23				
Date Well Work Completed: 2012-02-10				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7365				
Total Measured Depth (ft): 4,980				
Fresh Water Depth (ft.): 360				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 3,930 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,368 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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WV Department of
Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Michael Bott
Signature

2012-03-07
Date

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Top Depth / Bottom Depth
Surface:

Big Lime / 1,824.63 / 1,970.92 / 146.29 -- Big Injun / 1,970.92 / 2,195.86 / 224.94 --
Gantz / 2,195.86 / 2,236.45 / 40.59 -- 50 Foot / 2,236.45 / 2,279.21 / 42.76 --
Berea / 2,279.21 / 2,314.96 / 35.75 -- 30 Foot / 2,314.96 / 2,557.1 / 242.14 --
Gordon / 2,557.1 / 2,673.72 / 116.62 -- Fourth sand / 2,673.72 / 2,809.72 / 136 --
Fifth sand / 2,809.72 / 3,027.37 / 217.65 -- Bayard / 3,027.37 / 3,189.21 / 161.84 --
Speechley / 3,189.21 / 3,283.28 / 94.07 -- Balltown / 3,283.28 / 3,837.56 / 554.28 --
Benson / 4,479.8 / 4,931.88 / 452.08 -- Alexander / 4,931.88 / 6,489.46 / 1,557.58 --
Sonyea / 6,489.46 / 6,757.59 / 268.13 -- Middlesex / 6,757.59 / 6,893.36 / 135.77 --
Genesee / 6,893.36 / 7,054.03 / 160.67 -- Geneseo / 7,054.03 / 7,088.43 / 34.4 --
Tully / 7,088.43 / 7,109.43 / 21 -- Hamilton / 7,109.43 / 7,191.2 / 81.77 --
Marcellus / 7,191.2 -- Purcell / 7,202.37 --
Cherry Valley / 7,249.23 -- --

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well WorkFarm Name: Moore, Jerry A. Operator Well No.: E-0664LOCATION: Elevation: 1484.64' Quadrangle: Shinnston
District: Lincoln County: Marion
Latitude: 1,120 feet South of 39 DEG. 30 MIN. 00 SEC.
Longitude: 8,345 feet West of 80 DEG. 17 MIN. 30 SEC.Company: Linn Operating, Inc
480 Industrial Park Road
Jane Lew, WV 26378Agent: Gary Beall
Inspector: Tim Bennett
Permit Issued: May 13, 2005
Well Work Commenced: January 11, 2006
Well Work Completed: January 24, 2006
Verbal Plugging: _____
Permission granted on:
Rotary X Cable _____
Total Depth (feet) 4426'
Fresh Water Depths (ft) 80' & 1,760'
Salt Water Depths (ft) N/A
Is coal being mined in area (Y / N) ? N
Coal Depths (ft) 829'

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
9 5/8"	870	870	283 sks
7"	2035	2035	196 sks
4 1/2"	4399	4399	177 sks

OPEN FLOW DATA

Producing Formation Multiple Pay Zone Depth (ft) 4303' -2232'
Gas: Initial Open Flow Show MCF/d Oil: Initial Open Flow ----- Bbl/d
Final Open Flow Show MCF/d Oil: Final Open Flow ----- Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock pressure 210 psig surface pressure after 24 HoursSecond Producing Formation ----- Pay Zone Depth (ft) -----
Gas: Initial Open Flow ----- MCF/d Oil: Initial Open Flow ----- Bbl/d
Final Open Flow ----- MCF/d Oil: Final Open Flow ----- Bbl/d
Time of open flow between initial and final tests ----- Hours
Static rock pressure ----- psig surface pressure after ----- Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2.) THE WELL LOG WHICH IS SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Linn Operating, Inc.

By: _____

Date: 10-22-12**RECEIVED**
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OCT 22 2012

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Environmental Protection

Form IV-35
(Reverse)

Well # Fancher #18 E-664
API # 47-04901610

Details Of Perforated Intervals, Fracturing, or Stimulating Physical Change Etc.

1		4303' - 4299' 8 Shots	X-Link w/ N2 Assist
2		4120' - 4110' 6 Shots	X-Link w/ N2 Assist
3		3230' - 3205' 12 Shots	X-Link w/ N2 Assist
4		3096' - 3071' 24 Shots	X-Link w/ N2 Assist
5		2794' - 2724' 14 Shots	X-Link w/ N2 Assist
6		2294' - 2281' 14 Shots	X-Link w/ N2 Assist
7		2238' - 2232' 12 Shots	X-Link w/ N2 Assist

<u>Formation color hard or soft</u>	<u>Top Feet Bottom Feet</u>		<u>Remarks</u>
Dirt	0	52	
Sandstone	52	80	H2O @ 80'
Sand & Shale	80	829	
Coal	829	834	
Sand & Shale	834	1000	
Red Rock	1000	1030	
Shale	1030	1120	
Sand & Shale	1120	1220	
Sand	1220	1945	Hole wet @ 1760'
Red Rock	1945	1970	
Sand & Shale	1970	2130	
Big Lime	2130	2200	
Sand	2200	2345	
Sand & Shale	2345	4426	TD

WR-35

5/31/2012

**State of West Virginia
Division of Environmental Protection
Section of Oil and Gas**

API # 47- 049 - 02179

Well Operator's Report of Well Work**Farm name:** Donna**Operator Well No:** #1H**Location:** Elevation: 1,171**Quadrangle:** Mannington**District:** Lincoln**County:** Marion**Latitude:** 39 ° 34' 27.6"**Longitude:** 80 ° 17' 40.8"

Company: Eastern American Energy Corporation
501 56th Street
Charleston, WV 25304

Agent: Rodney A. Winters**Inspector:****Permit Issued:** 8/1/2011**Well work commenced:** 10/27/2011**Well work completed:** 5/31/2012**Verbal plugging****Permission granted on:**Rotary X Cable Rig**Total Depth (ft):** 10,580'**Fresh Water depths (ft):** 236'**Salt-water depths (ft):****Is coal being mined in the area? (Y/N):** N**Coal depths (ft):** 617'

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft
20"	40'	40'	100 cu ft.
13 3/8"	758'	758'	725 cu ft
9 5/8"	3957'	3957'	1600 cu ft
5 1/2"	10,580'	10,580'	1314 cu ft
2-3/8"	8,211'	8,211'	Tubing head

*Marcelus***Open Flow Data**

Gas: Initial open flow 714 MCF/d **Oil:** Initial open flow 0 Bbl/d
 Final open flow 966 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 1 Days
 Static rock pressure: 2650 psi Surface pressure after 24 Hours.

1st Producing Formation Devonian Shale Pay zone depth (ft) 7533'-7688'2nd Producing Formation Pay zone depth (ft) 3rd Producing Formation Pay zone depth (ft)

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

[Signature], Agent

For: Energy Corporation of America

Rodney A. Winters

By: Designated Agent

Date: 06-06-2012

STAGE ONE:	Devonian Shale		
30 Holes	10,102' – 10,322'		
Water Frac	358,200 Lbs sand.	7,507 bbl CFL	
STAGE TWO:	Devonian Shale		
30 Holes	9,777' – 9,997'		
Water Frac	300,500 Lbs sand.	7,907 bbl CFL	
STAGE THREE:	Devonian Shale		
30 Holes	9,448' – 9,668'		
Water Frac	299,800 Lbs sand.	7,813 bbl CFL	
STAGE FOUR:	Devonian Shale		
30 Holes	9,121' – 9,340'		
Water Frac	301,800 Lbs sand.	7,555 bbl CFL	
STAGE FIVE:	Devonian Shale		
30 Holes	8,794' – 9,008'		
Water Frac	300,800 Lbs sand.	7,639 bbl CFL	
STAGE SIX:	Devonian Shale		
30 Holes	8,462' – 8,682'		
Water Frac	306,300 Lbs sand.	7,825 bbl CFL	
STAGE SEVEN:	Devonian Shale		
30 Holes	8,462' – 8,682'		
Water Frac	306,300 Lbs sand.	7,825 bbl CFL	
STAGE EIGHT:	Devonian Shale		
30 Holes	8,462' – 8,682'		
Water Frac	306,300 Lbs sand.	7,825 bbl CFL	

FORMATION COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET
Top Fill	0	40
Sand & Shale	40	1150
Maxton	1700	1762
Little Lime	1906	1920
Pencil Cave	1920	1938
Big Lime	1938	2030
Big Injun	2030	2138
50 Foot	2632	2683
0 Foot	2850	2890
Gordon	2923	2988
Fifth	3101	3119
Benson	4696	4708
Alexander	5624	5648
Geneseo	7402	7450
Tully	7450	7490
Hamilton	7490	7533
Upper Marcellus	7533	7618
Cherry Valley	7618	7623
Lower Marcellus	7623	7688
Onondaga	7688	7703

WR-35

5/31/2012

**State of West Virginia
Division of Environmental Protection
Section of Oil and Gas**

API # 47-049-02180

Well Operator's Report of Well Work**Farm name:** Donna**Operator Well No:** #3H**Location:** Elevation: 1,171**Quadrangle:** Mannington**District:** Lincoln**County:** Marion**Latitude:** 39 ° 34' 27.6"**Longitude:** 80 ° 17' 40.8"

Company: Eastern American Energy Corporation
501 56th Street
Charleston, WV 25304

Agent: Rodney A. Winters**Inspector:****Permit Issued:** 8/1/2011**Well work commenced:** 10/27/2011**Well work completed:** 5/31/2012**Verbal plugging****Permission granted on:**Rotary X Cable Rig**Total Depth (ft):** 10,751'**Fresh Water depths (ft):** 236'**Salt-water depths (ft):****Is coal being mined in the area? (Y/N):** N**Coal depths (ft):** 617'

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft
20"	40'	40'	100 cu ft.
13 3/8"	743'	743'	673 cu ft
9 5/8"	3,996	3,996	1589 cu ft
5 1/2"	10,751'	10,751'	1382 cu ft
2-3/8"	8,211'	8,211'	Tubing head

Marce Hus

Open Flow Data**Gas:** Initial open flow 714 MCF/d **Oil:** Initial open flow 0 Bbl/dFinal open flow 966 MCF/d Final open flow 0 Bbl/dTime of open flow between initial and final tests 1 DaysStatic rock pressure: 2588 psi Surface pressure after 48 Hours.1st Producing Formation Devonian Shale Pay zone depth (ft) 7533'-7688'2nd Producing Formation Pay zone depth (ft) 3rd Producing Formation Pay zone depth (ft)

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

 , Agent
For: Energy Corporation of America
Rodney A. Winters

By: Designated Agent

Date: 06-06-2012

STAGE ONE:	Devonian Shale		
30 Holes	10,416' – 10,642'		
Water Frac	299,100 Lbs sand.	7,563 bbl CFL	
STAGE TWO:	Devonian Shale		
30 Holes	10,093' – 10,309'		
Water Frac	401,700 Lbs sand.	7,799 bbl CFL	
STAGE THREE:	Devonian Shale		
30 Holes	9,754' – 9,970'		
Water Frac	293,000 Lbs sand.	9,794 bbl CFL	
STAGE FOUR:	Devonian Shale		
30 Holes	9,421' – 9,643'		
Water Frac	298,037 Lbs sand.	7,630 bbl CFL	
STAGE FIVE:	Devonian Shale		
30 Holes	9,080' – 9,310'		
Water Frac	302,500 Lbs sand.	7,617 bbl CFL	
STAGE SIX:	Devonian Shale		
30 Holes	8,751' – 8,977'		
Water Frac	305,300 Lbs sand.	7,617 bbl CFL	
STAGE SEVEN:	Devonian Shale		
30 Holes	8,418' – 8,644'		
Water Frac	107,200 Lbs sand.	4,381 bbl CFL	
STAGE EIGHT:	Devonian Shale		
30 Holes	8,092' – 8,294'		
Water Frac	310,700 Lbs sand.	7,694 bbl CFL	

FORMATION COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET
Top Fill	0	40
Sand & Shale	40	1150
Maxton	1700	1762
Little Lime	1906	1920
Pencil Cave	1920	1938
Big Lime	1938	2030
Big Injun	2030	2138
50 Foot	2632	2683
0 Foot	2850	2890
Gordon	2923	2988
Fifth	3101	3119
Benson	4696	4708
Alexander	5624	5648
Geneseo	7402	7450
Tully	7450	7490
Hamilton	7490	7533
Upper Marcellus	7533	7618
Cherry Valley	7618	7623
Lower Marcellus	7623	7688
Onondaga	7688	7703

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-07-03
API #: 83.01227

Farm name: Coastal Forest Resources Operator Well No.: 513072

LOCATION: Elevation: 2967 Quadrangle: Pickens

District: Unknown County: Randolph, WV
Latitude: 38.75200 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: -80.15649 Feet West of West Deg. _____ Min. _____ Sec.

Company: EQT Production Company

Address: <u>EQT Plaza, Suite 1700</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>625 Liberty Avenue, Pittsburgh, PA 15222</u>	<u>20</u>	<u>40</u>	<u>40</u>	<u>98</u>
Agent: <u>Cecil Ray</u>	<u>13 3/8</u>	<u>1,856</u>	<u>1,856</u>	<u>1,583.5</u>
Inspector: <u>Bill Harfield</u>	<u>9 5/8</u>	<u>4,988</u>	<u>4,988</u>	<u>95.2</u>
Date Permit Issued: <u>2010-09-28</u>	<u>9 5/8</u>	<u>4,988</u>	<u>4,988</u>	<u>674.73</u>
Date Well Work Commenced: <u>2011-10-12</u>	<u>5 1/2</u>	<u>10,617</u>	<u>10,617</u>	<u>622.3</u>
Date Well Work Completed: <u>6/12/2012</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft):				
Total Measured Depth (ft): <u>7,726</u>				
Fresh Water Depth (ft.): <u>900</u>				
Salt Water Depth (ft.): <u>4,212</u>				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): <u>562, 647, 815, 852</u>				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 2,088 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 97 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

MAA
Signature

2012-07-03
Date

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Geophysical

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s):

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
--------------------------------	------------------	----------	---------------------

30F / 1,684.68 / 1,779.06 / 94.38 --

GORDON / 1,779.06 / 1,854.13 / 75.07 --

FOURTH SAND / 1,854.13 / 1,984.96 / 130.83 --

FIFTH SAND / 1,984.96 / 2,214.46 / 229.5 --

BAYARD / 2,214.46 / 6,692.7 / 4,478.24 --

Sonyea / 6,692.7 / 6,779.51 / 86.81 --

Middlesex / 6,779.51 / 6,919.72 / 140.21 --

Genesee / 6,919.72 / 7,053.55 / 133.83 --

Geneseo / 7,053.55 / 7,110.83 / 57.28 --

Tully / 7,110.83 / 7,126.14 / 15.31 --

Hamilton / 7,126.14 / 7,271.09 / 144.95 --

Purcell / 7,232.75 --

Marcellus / 7,271.09 --

Cherry Valley / 7,271.88 --

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/16/2012	10337 - 10579		7,133.00	7,012.00	5 Min: 3063
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2861
99.10	8,058.00	4,155.00	0.99		15 Min: 2742
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
386,721.00	9,871.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/16/2012	10037 - 10279		5,972.00	7,025.00	5 Min: 2970
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2778
99.70	8,234.00	3,734.00	0.94		15 Min: 2660
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
387,603.00	9,643.00		750.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/16/2012	9937 - 9979		8,241.00	6,896.00	5 Min: 2905
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2744
100.80	8,773.00	3,408.00	0.9		15 Min: 2637
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,704.00	9,864.00		750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/16/2012	9437 - 9679		7,581.00	7,292.00	5 Min: 3126
					10 Min: 2909
					15 Min: 2776
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.60	8,701.00	3,747.00	0.95		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,767.00	9,669.00		750.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/17/2012	9137 - 9379		7,579.00	6,948.00	5 Min: 3473
					10 Min: 3276
					15 Min: 3142
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.70	8,738.00	4,215.00	1.01		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,964.00	10,369.00		750.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/17/2012	8837 - 9079		8,160.00	6,755.00	5 Min: 3069
					10 Min: 2864
					15 Min: 2745
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.80	8,630.00	4,008.00	0.98		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,418.00	9,811.00		750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/17/2012	8537 - 8777		7,241.00	6,417.00	5 Min: 2862
					10 Min: 2652
					15 Min: 2529
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.60	8,192.00	3,480.00	0.91		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,823.00	10,153.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/17/2012	8237 - 8479		7,166.00	6,100.00	5 Min: 2720
					10 Min: 2546
					15 Min: 2455
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
103.90	8,550.00	3,285.00	0.88		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,066.00	9,370.00		750.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/18/2012	7937 - 8179		8,462.00	5,847.00	5 Min: 2881
					10 Min: 2103
					15 Min: 2591
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.20	8,947.00	3,389.00	0.9		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,919.00	8,818.00		750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/18/2012	7637 - 7879		7,502.00	5,846.00	5 Min: 3048
					10 Min: 2844
					15 Min: 2711
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
101.30	8,610.00	3,575.00	0.93		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,983.00	9,491.00		750.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
5/18/2012	7472 - 7594		8,737.00	7,592.00	5 Min: 2879
					10 Min: 2669
					15 Min: 2522
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
72.80	9,052.00	3,838.00	0.96		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
111,203.00	4,109.00		750.00		

WR-35
Rev (5-01)

DATE: 6/4/12
API #: 47-087-04704

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: GINI Morgan Operator Well No.: HR 444

LOCATION: Elevation: 675' Quadrangle: Peniel WV 7.5'

District: Reedy County: Roane
Latitude: 9940' Feet South of 38 Deg. 55 Min. 00 Sec.
Longitude 9860' Feet West of 81 Deg. 22 Min. 30 Sec.

Company: Hard Rock Exploration

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>1244 Martins Branch Road</u> <u>Charleston WV, 25312</u>	<u>20"</u>	<u>19'</u>	<u>19'</u>	<u>NA</u>
Agent: <u>Marc Scholl</u>	<u>13 3/8"</u>	<u>83</u>	<u>83</u>	<u>70ft3 CTS</u>
Inspector: <u>Ed Gainer</u>	<u>9 5/8"</u>	<u>621</u>	<u>621</u>	<u>300 ft3 CTS</u>
Date Permit Issued: <u>9/9/2011</u>	<u>7"</u>	<u>2329</u>	<u>2329</u>	<u>550 ft3 CTS</u>
Date Well Work Commenced: <u>2/27/12</u>	<u>4.5"</u>	<u>7357</u>	<u>7357</u>	<u>130 ft3</u>
Date Well Work Completed: <u>3/22/12</u>				
Verbal Plugging:	<u>Ran Gamma Log from (3500' - 4500'MD)</u>			
Date Permission granted on:	<u>Ran Gyro Log from (3400' - Surface)</u>			
Rotary x Cable Rig	<u>Ran Open hole Log from (2366' - Surface)</u>			
Total Depth (feet): <u>7425'TMD, 4192'TVD</u>				
Fresh Water Depth (ft.): <u>55-60'</u>				
Salt Water Depth (ft.): <u>1116', 1575'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N/A</u>				

OPEN FLOW DATA

Producing formation Lower Huron Shale Pay zone depth (ft) 4164'MD- 7425 'MD
4080'TVD - 4192' TVD

Gas: Initial open flow oder MCF/d Oil: Initial open flow Bbl/d
Final open flow 2000+ MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: James J. [Signature]

By: President

Date: 6/6/12

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WV Department of
Environmental Protection

Formation:	Top:	Bottom:
Soil/Sand/Shale	0	1585
Salt Sand	1585	1764
Lime	1764	1815
Injun	1815	1833
Shale	1833	2228
Coffee Shale	2228	2242
Devonian Shale	2242	4192
Lower Huron Section	4050	4192

All depths shown As TVD

03/07/12 Run total of 171 jts of R-3 4.5" casing with 14 stg Peak Completions Mechanical set packer system. Total pipe set at 7357' KB. MIRU Baker Packer set crew. Drop balls for P/O shoe. Start pumping N2 at low rate to land balls and set packers. Continue to pressure up and open shoe at 3826psi. RU to perform annular squeeze. Pump 100sx of neat cement mixed at 15ppg.

	Sleeve	Sleeve Size	Packers
Stage 1	7357'	P/O Shoe	7230'
Stage 2	7095.6'	1.156	6966'
Stage 3	6872'	1.281	6743'
Stage 4	6607'	1.406	6520'
Stage 5	6384'	1.531	6296'
Stage 6	6161'	1.656	6073'
Stage 7	5938'	1.781	5809'
Stage 8	5716'	2.031	5587'
Stage 9	5451'	2.281	5321'
Stage 10	5186'	2.531	5098'
Stage 11	5005'	2.781	4875'
Stage 12	4740'	3.031	4610'
Stage 13	4516'	3.281	4387'
Stage 14	4251'	3.531	4164'
Anchor			2649'

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VALLEY COUNTY
Environmental Division

03/22/12. Casing pressure 1330psi. Start pumping on Stg 1 at 8:50am. Start pumping at 50k scf/min and work rate up as pressure allows. Pump total of 1MM scf N2. Shut down and load 1.25" ball for Stg 2. Pressure test and wait for ball to drop. Start pumping ball down at 17k scf/min. Ball appeared to land and pressure started to level off. Up rate to 100k scf/min and pump total of 1MM scf N2. Shut down and drop 1.375" ball for Stg 3. Repeat frac process for stages 3 - 14.

	Stg 1	Stg 2	Stg 3	Stg 4	Stg 5	Stg 6	Stg 7
Max P	5899	5934	5997	6007	5952	5939	5919
Avg P	4305	5404	5726	5940	5920	5660	5848
Max R	102.0	102.3	97.5	94.7	91.2	97.8	100.5
Avg R	77.8	93.5	92.1	90.3	90.5	88.8	99.4
2 min	2075	2270	2634	3056	3280	2926	2924
5 min	N/A	1966	2103	2457	2390	N/A	2480
	Stg 8	Stg 9	Stg 10	Stg 11	Stg 12	Stg 13	Stg 14
Max P	5596	5364.0	5051	4853	4665	4723	3944
Avg P	5462	5308.0	4810	4788	4647	4650	3932
Max R	102.6	103.0	103.0	103.6	103.7	102.5	103.4
Avg R	98.7	102.0	99.5	102.0	103.0	100.0	102.0
2 min	2570	2780	2455	2416	2396	2320	2041
5 min	2194	2400	N/A	2160	2162	2090	1983

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Roderic and Ronda Moore Operator Well No.: HR 448

LOCATION: Elevation: 777' Quadrangle: Reedy WV 7.5'

District: Reedy County: Roane
Latitude: 11877 Feet South of 38 Deg. 00 Min. 00 Sec.
Longitude 8628' Feet West of 82 Deg. 00 Min. 00 Sec.

Company: Hard Rock Exploration

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>1244 Martins Branch Road</u>				
<u>Charleston WV, 25312</u>	<u>20"</u>	<u>19'</u>	<u>19'</u>	<u>NA</u>
Agent: <u>Marc Scholl</u>	<u>13 3/8"</u>	<u>83</u>	<u>83</u>	<u>60ft3 CTS</u>
Inspector: <u>Ed Gainer</u>	<u>9 5/8"</u>	<u>710</u>	<u>710</u>	<u>348 ft3 CTS</u>
Date Permit Issued: <u>11/16/11</u>	<u>7"</u>	<u>2410</u>	<u>2410</u>	<u>558 ft3 CTS</u>
Date Well Work Commenced: <u>2/7/12</u>	<u>4.5"</u>	<u>5653</u>	<u>5653</u>	<u>65 ft3</u>
Date Well Work Completed: <u>3/8/12</u>				
Verbal Plugging:	<u>Ran Gamma Log from KOP(3613' - 4680'TVD)</u>			
Date Permission granted on:				
Rotary x Cable Rlg				
Total Depth (feet): <u>7139'TMD, 4255'TVD</u>				
Fresh Water Depth (ft.): <u>55', 290'</u>				
Salt Water Depth (ft.): <u>1200', 1925'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N/A</u>				

OPEN FLOW DATA

Producing formation Lower Huron Shale Pay zone depth (ft) 3978'MD- 7139 'MD
3950'TVD - 4255' TVD

Gas: Initial open flow oder MCF/d Oil: Initial open flow Bbl/d
Final open flow 500+ MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: James J. [Signature]

By: President
Date: 6/1/12

WV Department of
Environmental Protection

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JUN 06 2012

Formation:	Top:	Bottom:
Soil/Sand/Shale	0	1710
Salt Sand	1710	2040
Shale	2040	2360
Coffee Shale	2360	2380
Berea Sand	2380	2382
Devonian Shale	2382	4255
Lower Huron Section	4187	4255

All depths shown As TVD

02/18/12 Run 132 jts of 4.5" 11.6ppf N-80 casing with 13 stg Team completion inflatable packer system. Casing stacked out suddenly at 5653' at 12:00pm. Work string. RU with washdown sub and put air to hole and work string with no success. Decide to pull casing. Casing stuck. Cut pipe and land in head. Set slips with approx 80000 lbs tension. Cut pipe 2.5" above 7x4" flange face and dress up cut. Slide 4-0 bushing over cut joint of pipe and assemble DSA and 10k valve. RU Wellhead.

02/19/12 Pump balls down for shoe and pump total of 208k scf N2 (pressure built slowly to 3135psi before shutting down). Pressure dropped after shutdown but packers appear to be set. Dump squeeze on 4.5"x7" annulus with 50sx type 1 3% CaCl.

	Sleeve	Sleeve Size	Packers
Stage 1	5808	HP	5470
Stage 2	5562	1.430	5293
Stage 3	5385	1.594	5074
Stage 4	5166	1.750	4854
Stage 5	4947	1.906	4635
Stage 6	4508	2.063	4416
Stage 7	4289	2.219	4197
Stage 8	4070	2.375	3978
Stage 9	3851	2.531	3759
Stage 10	3672	2.688	3540
Stage 11	3413	2.844	3321
Stage 12	3194	3.036	3101
Stage 13	2974	2.286	2802
Anchor			1286

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Environmental Protection

03/08/12 Wellhead pressure at 1220psi. Start pumping N2 at 30k scf/min and open HP sleeve at 5050psi. Up rate and pump total of 2 MMscf N2. Shut down, drop 1.719" ball for Stg 2. Start pumping N2 at low rate and land ball. Up rate and open sleeve at 3983psi. Up rate and pump total of 1 MMscf N2. Shut down and drop ball for Stg 3. Repeat frac process for stgs 3 - 8. (8 stage completion due to early set down of completion string).

	Stg 1	Stg 2	Stg 3	Stg 4	Stg 5	Stg 6	Stg 7	Stg 8
Max P	5451	4586	4261	4281	4235	4398	4063	4153
Avg P	4546	4539	4221	4270	4209	4310	3997	3999
Max R	105.0	108.0	102.0	105.0	105.0	108.0	104.0	110.0
Avg R	80.4	105.0	101.0	104.0	104.0	105.0	102.0	105.0
5 min	1699	1713	1736	1750	1780	1778	1870	1853

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-08-29
API #: 4709101192

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Farm name: Robert & Shirley Turoczy Operator Well No.: 512692

LOCATION: Elevation: 1420 Quadrangle: Rosemont SEP 11 2012

District: Unknown County: Taylor, WV
Latitude: 39.31624 Feet South of _____ Deg. 39 Min. 20 Sec. _____
Longitude: -80.16284 Feet West of West Deg. 80 Min. 7 Sec. _____

**WV Department of
Environmental Protection**

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700				
625 Liberty Avenue, Pittsburgh, PA 15222	20	40	40	161.66
Agent: Cecil Ray	13 3/8	933	933	864.3
Inspector: Brian Harris	9 5/8	2,494	2,494	1,009.66
Date Permit Issued: 2010-07-16	5 1/2	12,218	12,218	1,275.09
Date Well Work Commenced: 2011-01-09				
Date Well Work Completed: 2011-02-01				
Verbal Plugging: Not Applicable				
Date Permission granted on: Not Applicable				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,655.73				
Total Measured Depth (ft): 12,230				
Fresh Water Depth (ft.): None Reported				
Salt Water Depth (ft.): None Reported				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 466, 677, 790				
Void(s) encountered (N/Y) Depth(s) No				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 8,434 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,144 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

9/6/2012

Date

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Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Geophysical SEP 1 1 2012

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF **WV Department of Environmental Protection** FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	/	Bottom Depth
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Sand and Shale 0/195/195- Red Rock 195/466/271 - Coal 466/468/2 - Sand and Shale 468/677/209

Coal 677/679/2 - Sand and Shale 679/790/111 - Coal 790/792/2 - Sand and Shale 792/1325/533

Big Lime 1325/1458/133 - Big Injun 1,458.00/1,605.00/147 - Weir Sand 1,605.00 /1873/286

Devonian Sands: -50 Foot 1,873.00/1,946.00/73 -30 Foot 1,946.00/2,112.00/166 -

Gordon 2,112.00/2,220.00/8 - Fourth Sand 2,220.00/2,409.00/189 -Fifth Sand 2,409.00/2,459.00/ 50

Speechley 2,459.00/2949/ 490 - Bradford 2,949.00/3,392.00/443 - Benson 3,392.00/3,773.00/381

Elks 3773/4481/708 - Sonyea 4,481.00/6,716.00/ 2235 - Middlesex 6,716.00/7,031.00/312

Genesee 7,031.00/7,151.00/120 - Geneseo 7,151.00/7,281.00/130 - Tully 7,281.00/7,330.00/9

Hamilton 7,330.00/7,401.00/71 - Marcellus 7,401.00/7,620.00/ 219 - Purcell 7,620.00/7,842.00/222

Cherry Valley 7,842.00/8,020.00/ 178 - Onondaga 8,020.00 -- Pilot hole TD

Per Pilot Well - API 4709101211 - Well # 511510

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Environmental Protection

EQT WR-35 Completion Attachment Well Treatment Summary

Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/9/2012	11905 - 12147		8,249.00	8,496.00	5 Min: 4487
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
92.50	9,109.00	5,340.00	1.13		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
323,085.00	9,112.00		2,000.00		

10 Min: 4321
15 Min: 4228

Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/9/2012	11605 - 11847		6,748.00	8,557.00	5 Min: 0
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
86.50	9,640.00	0.00	0		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
350,415.00	9,331.00		1,000.00		

10 Min: 0
15 Min: 0

Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/9/2012	11305 - 11545		6,827.00	7,865.00	5 Min: 5244
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
86.40	8,925.00	6,401.00	1.27		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,150.00	10,045.00		750.00		

10 Min: 4922
15 Min: 4754

SEP 11 2012

WV Department of
Environmental Protection

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2012	11005 - 11247		7,332.00	7,822.00	5 Min: 5489
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
81.80	8,798.00	6,155.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
328,592.00	9,396.00		750.00		

Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2012	10705 - 10947		7,016.00	8,335.00	5 Min: 5306
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
91.60	8,740.00	6,084.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
410,976.00	10,100.00		750.00		

Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2012	10405 - 10647		6,377.00	8,010.00	5 Min: 5242
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
91.20	8,878.00	5,947.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
407,212.00	10,029.00		750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary	RECEIVED Office of Oil & Gas SEP 11 2012 WV Department of Environmental Protection
Stage	Formation	Frac Type				
7	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/10/2012	10105 - 10347		6,812.00	8,037.00	5 Min: 5142	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5427	
87.10	8,771.00	5,965.00	1.22		15 Min: 5318	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
404,036.00	9,944.00		750.00			
Stage	Formation	Frac Type				
8	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/11/2012	9805 - 10047		6,461.00	8,025.00	5 Min: 5893	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5690	
98.90	8,772.00	5,902.00	1.21		15 Min: 5543	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
401,084.00	9,694.00		750.00			
Stage	Formation	Frac Type				
9	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/11/2012	9505 - 9747		6,465.00	7,997.00	5 Min: 5784	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5579	
99.20	8,398.00	6,047.00	1.23		15 Min: 5405	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
400,813.00	9,766.00		750.00			

EQT WR-35	Completion	Attachment	Well	Treatment	Summary	RECEIVED
						Department of Oil & Gas
Stage	Formation	Frac Type				SEP 11 2012
10	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	WV Department of Environmental Protection
4/11/2012	9205 - 9447		6,816.00	7,614.00	5 Min: 5529	
					10 Min: 5529	
					15 Min: 5440	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.20	8,061.00	5,934.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
403,817.00	9,932.00		750.00			
Stage	Formation	Frac Type				
11	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/12/2012	8905 - 9176		6,623.00	7,699.00	5 Min: 5689	
					10 Min: 5542	
					15 Min: 5423	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.10	8,265.00	5,689.00	1.21			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
395,453.00	9,875.00		750.00			
Stage	Formation	Frac Type				
12	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/12/2012	8605 - 8847		5,977.00	7,601.00	5 Min: 5669	
					10 Min: 5419	
					15 Min: 5239	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.00	8,321.00	6,001.00	1.23			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,088.00	9,776.00		750.00			

EQT WR-35

Completion

Attachment

Well

Treatment

Summary

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Office of Oil & Gas

SEP 11 2012

WV Department of
Environmental Protection

Stage

Formation

Frac Type

13

MARCELLUS

Slickwater

Date

From / To

of perfs

BD Press

ATP Psi

SIP Detail

4/12/2012

8305 - 8547

6,211.00

7,361.00

5 Min: 5688

Avg Rate

Max Press PSI

ISIP

Frac Gradient

100.30

7,640.00

5,830.00

1.21

Sand Proppant

Water-bbl

SCF N2

Acid-Gal

403,054.00

9,706.00

750.00

10 Min: 5559

15 Min: 5432

Stage

Formation

Frac Type

14

MARCELLUS

Slickwater

Date

From / To

of perfs

BD Press

ATP Psi

SIP Detail

4/12/2012

8005 - 8247

6,913.00

7,556.00

5 Min: 5484

Avg Rate

Max Press PSI

ISIP

Frac Gradient

90.40

8,374.00

5,736.00

1.2

Sand Proppant

Water-bbl

SCF N2

Acid-Gal

400,745.00

8,892.00

750.00

10 Min: 5279

15 Min: 5142

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-09-11
API #: 4709101213

Farm name: Robert P. & Shirley J. Turoczy Operator Well No.: 513128

RECEIVED
Office of Oil & Gas

LOCATION: Elevation: 1420 Quadrangle: Rosemont

SEP 18 2012

District: Unknown County: Taylor, WV
Latitude: 39.31632 Feet South of _____ Deg. 39 Min. 20 Sec. _____
Longitude -80.16281 Feet West of West Deg. 80 Min. 07 Sec. _____

**WV Department of
Environmental Protection**

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>EQT Plaza, Suite 1700</u>				
<u>625 Liberty Avenue, Pittsburgh, PA 15222</u>	<u>20</u>	<u>42</u>	<u>42</u>	<u>191.16</u>
Agent: <u>Cecil Ray</u>	<u>13 3/8</u>	<u>927.6</u>	<u>927.6</u>	<u>944</u>
Inspector: <u>Brian Harris</u>	<u>9 5/8</u>	<u>2,539.5</u>	<u>2,539.5</u>	<u>956.99</u>
Date Permit Issued: <u>2011-01-24</u>	<u>5 1/2</u>	<u>11,914</u>	<u>11,914</u>	<u>1353.6</u>
Date Well Work Commenced: <u>2011-02-02</u>				
Date Well Work Completed: <u>2011-09-04</u>				
Verbal Plugging: <u>Not Applicable</u>				
Date Permission granted on: <u>Not Applicable</u>				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>7,441.5</u>				
Total Measured Depth (ft): <u>11,957</u>				
Fresh Water Depth (ft.): <u>Shows at 74, 112, 139, 234, 801</u>				
Salt Water Depth (ft.): <u>Show at 883</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>403, 675</u>				
Void(s) encountered (N/Y) Depth(s) <u>Not Applicable</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 4,416 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 872 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

2012-09-11
Date

Were cuttings caught during drilling? Yes^X No

Perforated Intervals, Fracturing, or Stimulating:

Sand and Shale 0/195/195- Red Rock 195/403/208- Coal 403/406/3 - Sand and Shale 406/675/269
Coal 675/677/2 - Sand and Shale 677/993/316- Red Rock 993/996/3 -Sand and Shale 996/1325/329
Big Lime 1325/1458/133 - Big Injun 1,458.00/1,605.00/147 - Weir Sand 1,605.00 /1873/286
Devonian Sands: 50 Foot 1,873.00/1,946.00/73 -30 Foot 1,946.00/2,112.00/166 -
Gordon 2,112.00/2,220.00/8 - Fourth Sand 2,220.00/2,409.00/189 -Fifth Sand 2,409.00/3076.60/667.6
Speechley 3076.60/3410.4/334.4 - Bradford 3410.4/3,581.4/171- Riley 3,790.3/4427.2/ 636.9
Benson 4,427/4,481/54 Elks 4,481/5,132/651 - Sonyea 5,132.00/6,951.1/ 1819.1 - Middlesex 6,951.1/7,065.60/114.5
Genesee 7,065.60 /7,169.60 /104 - Geneseo 7,169.60 /7,214.00 /44.4 - Tully 7,214.00/7,274.00 /57
Hamilton 7,274.00 /7,405.30 /131.3 - Marcellus 7,405.30 /7,467.00 / 51.7- Purcell 7,467.00 /7500.8/33
Cherry Valley 7500.8--

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage 1	Formation MARCELLUS	Frac Type Slickwater			
Date 4/9/2012	From / To 11905 - 12147	# of perfs	BD Press 8,249.00	ATP Psi 8,496.00	SIP Detail 5 Min: 4487
Avg Rate 92.50	Max Press PSI 9,109.00	ISIP 5,340.00	Frac Gradient 1.13		10 Min: 4321 15 Min: 4228
Sand Proppant 323,085.00	Water-bbl 9,112.00	SCF N2	Acid-Gal 2,000.00		
Stage 2	Formation MARCELLUS	Frac Type Slickwater			
Date 4/9/2012	From / To 11605 - 11847	# of perfs	BD Press 6,748.00	ATP Psi 8,557.00	SIP Detail 5 Min: 0
Avg Rate 86.50	Max Press PSI 9,640.00	ISIP 0.00	Frac Gradient 0		10 Min: 0 15 Min: 0
Sand Proppant 350,415.00	Water-bbl 9,331.00	SCF N2	Acid-Gal 1,000.00		
Stage 3	Formation MARCELLUS	Frac Type Slickwater			
Date 4/9/2012	From / To 11305 - 11545	# of perfs	BD Press 6,827.00	ATP Psi 7,865.00	SIP Detail 5 Min: 5244
Avg Rate 86.40	Max Press PSI 8,925.00	ISIP 6,401.00	Frac Gradient 1.27		10 Min: 4922 15 Min: 4754
Sand Proppant 399,150.00	Water-bbl 10,045.00	SCF N2	Acid-Gal 750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2012	11005 - 11247		7,332.00	7,822.00	5 Min: 5489
					10 Min: 5202
					15 Min: 5013
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
81.80	8,798.00	6,155.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
328,592.00	9,396.00		750.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2012	10705 - 10947		7,016.00	8,335.00	5 Min: 5306
					10 Min: 5052
					15 Min: 4926
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
91.60	8,740.00	6,084.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
410,976.00	10,100.00		750.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2012	10405 - 10647		6,377.00	8,010.00	5 Min: 5242
					10 Min: 5010
					15 Min: 4899
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
91.20	8,878.00	5,947.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
407,212.00	10,029.00		750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary	
Stage	Formation	Frac Type			SIP Detail 5 Min: 5582 10 Min: 5427 15 Min: 5318	
7	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi		
4/10/2012	10105 - 10347		6,812.00	8,037.00		
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
87.10	8,771.00	5,965.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
404,036.00	9,944.00		750.00			
Stage	Formation	Frac Type				
8	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail 5 Min: 5893 10 Min: 5690 15 Min: 5543	
4/11/2012	9805 - 10047		6,461.00	8,025.00		
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
98.90	8,772.00	5,902.00	1.21			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
401,084.00	9,694.00		750.00			
Stage	Formation	Frac Type				
9	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi		SIP Detail 5 Min: 5784 10 Min: 5579 15 Min: 5405
4/11/2012	9505 - 9747		6,465.00	7,997.00		
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.20	8,398.00	6,047.00	1.23			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
400,813.00	9,766.00		750.00			

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/11/2012	9205 - 9447		6,816.00	7,614.00	5 Min: 5661
					10 Min: 5529
					15 Min: 5440
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.20	8,061.00	5,934.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,817.00	9,932.00		750.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/12/2012	8905 - 9176		6,623.00	7,699.00	5 Min: 5689
					10 Min: 5542
					15 Min: 5423
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.10	8,265.00	5,689.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
395,453.00	9,875.00		750.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/12/2012	8605 - 8847		5,977.00	7,601.00	5 Min: 5669
					10 Min: 5419
					15 Min: 5239
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.00	8,321.00	6,001.00	1.23		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,088.00	9,776.00		750.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/12/2012	8305 - 8547		6,211.00	7,361.00	5 Min: 5688
					10 Min: 5559
					15 Min: 5432
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.30	7,640.00	5,830.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,054.00	9,706.00		750.00		
Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/12/2012	8005 - 8247		6,913.00	7,556.00	5 Min: 5484
					10 Min: 5279
					15 Min: 5142
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
90.40	8,374.00	5,736.00	1.2		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,745.00	8,892.00		750.00		

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-14

API #: 91.01215

Farm name: Charles H. Cather et al Operator Well No.: 513053

LOCATION: Elevation: 1183 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.29191 Feet South of Deg. 39 Min. 20 Sec.
Longitude: -80.15300 Feet West of West Deg. 80 Min. 7 Sec.

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700				
625 Liberty Avenue, Pittsburgh, PA 15222	20	40	40	100
Agent: Cecil Ray	13 3/8	717	717	636
Inspector: Brian Harris	9 5/8	2,658	2,658	1,047.2
Date Permit Issued: 2011-02-24	5 1/2	10,510	10,510	419.1
Date Well Work Commenced: 2011-04-30				
Date Well Work Completed: 2012-03-03				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7689.55				
Total Measured Depth (ft): 10,520				
Fresh Water Depth (ft.): 330				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 330, 522, 605				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow 2,301 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 2,720 psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

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Office of Oil & Gas

MAR 16 2012

WV Department of
Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

ml. But
Signature

2012-03-14
Date

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes, cd sent with report

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

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WV Department of
Environmental Protection

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	/	Bottom Depth
-------------------------	-----------	---	--------------

Big Lime	/ 1,320.48	/ 1,424.65	/ 104.17	--	Big Injun	/ 1,424.65	/ 1,577.04	/ 152.39	--
Weir Sand	/ 1,577.04	/ 1,810	/ 232.96	--	-Gantz	/ 1,810	/ 1,879.22	/ 69.22	--
-Fifty Foot	/ 1,879.22	/ 1,949.82	/ 70.6	--	-Thirty Foot	/ 1,949.82	/ 2,008.36	/ 58.54	--
-Gordon	/ 2,008.36	/ 2,128.03	/ 119.67	--	-Fourth Sand	/ 2,128.03	/ 2,343.85	/ 215.82	--
-Fifth Sand	/ 2,343.85	/ 2,371.67	/ 27.82	--	-Bayard	/ 2,371.67	/ 2,783.3	/ 411.63	--
-B-5	/ 2,783.3	/ 3,001.61	/ 218.31	--	-Speechley	/ 3,001.61	/ 3,332.79	/ 331.18	--
-Bradford	/ 3,332.79	/ 3,522.57	/ 189.78	--	-Balltown B	/ 3,522.57	/ 3,717.32	/ 194.75	--
-Riley	/ 3,717.32	/ 4,346.2	/ 628.88	--	-Benson	/ 4,346.2	/ 4,704.67	/ 358.47	--
Elk	/ 4,704.67	/ 6,572.83	/ 1,868.16	--	Sonyea	/ 6,572.83	/ 6,901.42	/ 328.59	--
Middlesex	/ 6,901.42	/ 7,157	/ 255.58	--	Genesee	/ 7,157	/ 7,296.36	/ 139.36	--
Geneseo	/ 7,296.36	/ 7,316.42	/ 20.06	--	Tully	/ 7,316.42	/ 7,369.64	/ 53.22	--
Hamilton	/ 7,369.64	/ 7,502.25	/ 132.61	--	Marcellus	/ 7,502.25			--
Purcell	/ 7,566.8			--	Cherry Valley	/ 7,599.08			--

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Office of Oil & Gas

MAR 16 2012

Department of
Environmental Protection

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2012	9922 - 10164		7,193.00	8,066.00	5 Min: 4320
					10 Min: 4029
					15 Min: 3874
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.30	8,658.00	5,577.00	1.16		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,193.00	9,805.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2012	9922 - 10164		6,075.00	8,065.00	5 Min: 4670
					10 Min: 4467
					15 Min: 4281
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.00	8,471.00	5,259.00	1.12		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,492.00	9,770.00		1,000.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2012	9622 - 9864		6,850.00	8,013.00	5 Min: 4879
					10 Min: 4598
					15 Min: 4429
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.80	8,368.00	5,433.00	1.14		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,127.00	9,490.00		1,000.00		

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Office of Oil & Gas

6 2012

Department of
Environmental Protection

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2012	9322 - 9564		6,337.00	7,801.00	5 Min: 4826
					10 Min: 4480
					15 Min: 4333
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.50	8,391.00	5,641.00	1.17		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,850.00	10,069.00		1,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2012	9022 - 9264		6,797.00	7,536.00	5 Min: 4760
					10 Min: 4526
					15 Min: 4369
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.50	8,116.00	5,401.00	1.14		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,565.00	9,827.00		1,000.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	8722 - 8964		6,059.00	7,410.00	5 Min: 4999
					10 Min: 4748
					15 Min: 4611
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.95	8,110.00	5,500.00	1.15		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,658.00	9,692.00		1,000.00		

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Environmental Protection

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	8422 - 8664		6,385.00	7,225.00	5 Min: 5019
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4775
100.40	7,909.00	5,202.00	1.11		15 Min: 4620
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,560.00	9,087.00		1,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	8122 - 8362		6,270.00	100.70	5 Min: 4847
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4581
100.70	7,993.00	5,643.00	1.17		15 Min: 4426
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,008.00	9,547.00		1,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	7822 - 8064		6,951.00	7,435.00	5 Min: 4542
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4355
99.60	8,598.00	5,667.00	1.18		15 Min: 4289
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,158.00	9,805.00		1,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/9/2012	7657 - 7773		7,676.00	7,590.00	5 Min: 4446
					10 Min: 4314
					15 Min: 4244
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.30	8,628.00	5,036.00	1.1		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,015.00	4,973.00		1,000.00		

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Office of Oil & Gas
MAR 16 2012
WV Department of
Environmental Protection

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-09-05
API #: 47091-01220

RECEIVED
Office of Oil & Gas

Farm name: James M. Taylor et al Operator Well No.: 511502

LOCATION: Elevation: 1470 Quadrangle: Rosemont **SEP 11 2012**

District: Unknown County: Taylor, WV
Latitude: 39.29455 Feet South of Deg. 39 Min. 20 Sec.
Longitude -80.19241 Feet West of West Deg. 80 Min. 10 Sec.

**WV Department of
Environmental Protection**

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700				
625 Liberty Avenue, Pittsburgh, PA 15222	20	42	42	169.74
Agent: Cecil Ray	13 3/8	943.55	943.55	852
Inspector: Brian Harris	9 5/8	2,713.8	2,713.8	1,047.2
Date Permit Issued: 2011-03-21	5 1/2	11,692.76	11,692.76	1,293.2
Date Well Work Commenced: 2011-05-13				
Date Well Work Completed: 2011-11-07				
Verbal Plugging: Not Applicable				
Date Permission granted on: Not Applicable				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,384.00				
Total Measured Depth (ft): 11,700				
Fresh Water Depth (ft.): None Reported				
Salt Water Depth (ft.): None Reported				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 600, 795, 885				
Void(s) encountered (N/Y) Depth(s) No				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow 6,839 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 972 psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

09-05-2012
Date

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Geophysical

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s): Type 1 w/45 CD-32 Top: 5305.0 Bottom: 5,553.0
17.0 ppg Kick-off plug cement Top: 6,875.0 Bottom: 7,475.0

Formations Encountered: Top Depth / Bottom Depth
Surface:

Clay 0/4/40 - Sandstone 40/205/165 - Red Rock 205/225/20 - Sand 225/580/355 - Red Rock 580/595/15
Sand 595/600/5 - Coal 600/610/10 - Sand 610/795/185 - Coal 795/805/10 - Sand 805/885/80
Coal 885/895/10 - Sandstone 895/983/88 - Siltstone 983/1334/351 - Limestone 1334/1423/89
Sandstone 1423/2459/1036 - Sand 2459/ 3149.6/ 690 - Speechly 3149/3432/283 - Bradford 3432/3600/168
Balltown B 3600/3847/247 - Riley 3847/4459/612 - Benson 4459/6814/2355
Sonyea 6811/7156/345 - Middlesex 7156/7252/96 - Genesee 7252/7335/83
Genesee 7335/7372/37 - Tully 7372/7410/38 - Hamilton 7410/7485/75
Marcellus 7485/7513/28 - Purcell 7513/7524/11 - Cherry Valley 7524--

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage 1	Formation MARCELLUS	Frac Type Slickwater			
Date 9/15/2011	From / To 11549 - 11671	# of perfs	BD Press 8,897.00	ATP Psi 8,360.00	SIP Detail 5 Min:
Avg Rate 82.80	Max Press PSI 9,522.00	ISIP	Frac Gradient		10 Min: 15 Min:
Sand Proppant 179,304.00	Water-bbl 5,244.00	SCF N2	Acid-Gal 2,000.00		
Stage 2	Formation MARCELLUS	Frac Type Slickwater			
Date 9/21/2011	From / To 11399 - 11521	# of perfs	BD Press 0.00	ATP Psi 8,008.00	SIP Detail 5 Min: 5132
Avg Rate 88.40	Max Press PSI 8,738.00	ISIP 6,191.00	Frac Gradient 1.27		10 Min: 4853 15 Min: 4688
Sand Proppant 196,089.00	Water-bbl 6,251.00	SCF N2	Acid-Gal 2,000.00		
Stage 3	Formation MARCELLUS	Frac Type Slickwater			
Date 9/21/2011	From / To 11249 - 11371	# of perfs	BD Press 7,402.00	ATP Psi 8,138.00	SIP Detail 5 Min: 5447
Avg Rate 90.50	Max Press PSI 8,969.00	ISIP 5,730.00	Frac Gradient 1.2		10 Min: 5258 15 Min: 5106
Sand Proppant 205,140.00	Water-bbl 5,653.00	SCF N2	Acid-Gal 2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/21/2011	11099 - 11221		8,020.00	8,099.00	5 Min: 5508
					10 Min: 5349
					15 Min: 5223
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.00	8,587.00	5,814.00	1.2		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,810.00	5,333.00		2,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/21/2011	10951 - 11069		7,602.00	8,067.00	5 Min: 5654
					10 Min: 5507
					15 Min: 5400
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
92.70	9,151.00	6,055.00	1.25		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
201,340.00	5,464.00		2,000.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/21/2011	10799 - 10921		7,499.00	8,161.00	5 Min: 5683
					10 Min: 5575
					15 Min: 5410
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
83.65	8,931.00	5,956.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,965.00	5,340.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/21/2011	10649 - 10771		6,697.00	8,441.00	5 Min: 5397
					10 Min: 5129
					15 Min: 4956
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
88.00	8,946.00	5,882.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,834.00	5,373.00		2,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/22/2011	10499 - 10621		7,520.00	8,293.00	5 Min: 5482
					10 Min: 5343
					15 Min: 5253
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
90.22	8,814.00	5,620.00	1.19		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
197,815.00	5,174.00		2,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/22/2011	10349 - 10471		6,167.00	8,420.00	5 Min: 5483
					10 Min: 5351
					15 Min: 5253
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
90.00	8,906.00	5,790.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,030.00	5,351.00		2,000.00		

EQT WR-35 Completion**Stage** **Formation**
10 MARCELLUS**Date** **From /**
9/22/2011 10199 - 103**Avg Rate** **Max Press I**
87.60 8,912**Sand Proppant** **Water-I**
398,440.00 5,495**Attachment Well Treatment Summary****Frac Type**
Slickwater**# of perfs** **BD Press** **ATP Psi**
 7,147.00 8,256.00**ISIP** **Frac Gradient**
5,498.00 1.17**SCF N2** **Acid-Gal****SIP Detail**
5 Min: 5085

10 Min: 4959
15 Min: 4868**Stage** **Formation**
11 MARCELLUS**Date** **From /**
9/22/2011 10049 - 10**Avg Rate** **Max Press I**
91.80 8,731**Sand Proppant** **Water-I**
200,910.00 5,317**Frac Type**
Slickwater**# of perfs** **BD Press** **ATP Psi**
 6,499.00 8,117.00**ISIP** **Frac Gradient**
5,584.00 1.18**SCF N2** **Acid-Gal**
 2,000.00**SIP Detail**
5 Min: 5497

10 Min: 5390
15 Min: 5293**Stage** **Formation**
12 MARCELLUS**Date** **From /**
9/22/2011 9899 - 100**Avg Rate** **Max Press I**
95.04 8,749**Sand Proppant** **Water-I**
199,760.00 5,178**Frac Type**
Slickwater**# of perfs** **BD Press** **ATP Psi**
 6,915.00 8,332.00**ISIP** **Frac Gradient**
5,776.00 1.21**SCF N2** **Acid-Gal**
 2,000.00**SIP Detail**
5 Min: 5625

10 Min: 5517
15 Min: 5439

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/22/2011	9749 - 9871		6,803.00	8,332.00	5 Min: 5678
					10 Min: 5556
					15 Min: 5465
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
91.18	8,739.00	5,870.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,568.00	5,154.00		2,000.00		
Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/23/2011	9599 - 9721		7,672.00	8,194.00	5 Min: 5719
					10 Min: 5623
					15 Min: 5543
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
88.80	8,750.00	6,100.00	1.25		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,264.00	5,175.00		2,000.00		
Stage	Formation	Frac Type			
15	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/23/2011	9449 - 9571		6,715.00	8,271.00	5 Min: 5668
					10 Min: 5539
					15 Min: 5451
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
88.70	8,735.00	6,060.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,476.00	5,210.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
16	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/23/2011	9299 - 9421		8,389.00	8,480.00	5 Min: 5779
					10 Min: 5640
					15 Min: 5536
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
93.20	8,835.00	6,153.00	1.26		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,856.00	5,057.00		2,000.00		
Stage	Formation	Frac Type			
17	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/23/2011	9149 - 9271		7,858.00	8,424.00	5 Min: 5796
					10 Min: 5655
					15 Min: 5556
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
93.50	8,831.00	5,917.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
198,784.00	5,529.00		2,000.00		
Stage	Formation	Frac Type			
18	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/24/2011	8999 - 9121		7,634.00	8,309.00	5 Min: 5844
					10 Min: 5726
					15 Min: 5641
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
93.80	9,050.00	6,824.00	1.34		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
198,094.00	5,022.00		2,000.00		

EQT WR-35		Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type				
19	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/24/2011	8849 - 8971		7,084.00	7,950.00	5 Min: 5644	
					10 Min: 5498	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		15 Min: 5443	
94.70	8,779.00	5,921.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
200,087.00	5,144.00		2,000.00			
Stage	Formation	Frac Type				
20	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/24/2011	8699 - 8821		6,804.00	8,075.00	5 Min: 5655	
					10 Min: 5513	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		15 Min: 5419	
93.90	8,391.00	5,903.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
199,915.00	5,074.00		2,000.00			
Stage	Formation	Frac Type				
21	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/24/2011	8549 - 8671		7,851.00	8,006.00	5 Min: 5606	
					10 Min: 5527	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		15 Min: 5471	
94.26	8,933.00	5,799.00	1.21			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
199,563.00	5,123.00		2,000.00			

EQT WR-35		Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type				
22	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/24/2011	8399 - 8521		7,393.00	7,750.00	5 Min: 5665	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5587	
98.90	8,629.00	5,887.00	1.22		15 Min: 5529	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
201,124.00	5,117.00		2,000.00			
Stage	Formation	Frac Type				
23	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/25/2011	8249 - 8371		7,687.00	7,995.00	5 Min: 5722	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5619	
97.26	8,751.00	6,995.00	1.24		15 Min: 5583	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
198,192.00	5,033.00		2,000.00			
Stage	Formation	Frac Type				
24	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/25/2011	8099 - 8221		8,980.00	7,494.00	5 Min: 4088	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4022	
99.50	8,980.00	4,232.00	1		15 Min: 3922	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
178,292.00	4,980.00		2,000.00			

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-08-29
API #: 47091-01221

RECEIVED
Office of Oil & Gas

Farm name: James M. Taylor et al

Operator Well No.: 511504

LOCATION: Elevation: 1470

Quadrangle: Rosemont

SEP 11 2012

District: Unknown

County: Taylor, WV

Latitude: 39.29450 Feet South of Deg. 39 Min. 20 Sec.

Longitude: -80.19249 Feet West of West Deg. 80 Min. 10 Sec.

WV Department of
Environmental Protection

Company: EQT Production Company

Address:	EQT Plaza, Suite 1700	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
625 Liberty Avenue, Pittsburgh, PA 15222		20	40	40	165.1
Agent: Cecil Ray		13 3/8	965	965	834
Inspector: Brian Harris		9 5/8	2,710.5	2,710.5	1,053.15
Date Permit Issued: 2011-03-21		5 1/2	13,286.39	13,286.39	1,671.9
Date Well Work Commenced: 2011-04-02					
Date Well Work Completed: 2011-11-16					
Verbal Plugging: Not Applicable					
Date Permission granted on: Not Applicable					
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>					
Total Vertical Depth (ft): 7,431.73					
Total Measured Depth (ft): 13,300					
Fresh Water Depth (ft.): None Reported					
Salt Water Depth (ft.): None Reported					
Is coal being mined in area (N/Y)? No					
Coal Depths (ft.): 618, 811, 891					
Void(s) encountered (N/Y) Depth(s) No					

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 3,000 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,920 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

09-05-2012
Date

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Geophysical

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s):

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
--------------------------------	------------------	----------	---------------------

Clay 0/4/40 - Sandstone 40/315/275 - Red Rock 315/320/5

Sandstone 320/575/255 - Red Rock 575/595/20 - Sandstone 595/600/5

Coal 600/610/10 - Sandstone 610/795/185 - Coal 795/800/5

Sandstone 800/890/90 - Coal 890/895/5 - Sandstone 895/983/88

Siltstone 983/1334/351 - Limestone 1334/1423/89 - Sandstone 1423/2459/1036

Sand 2459/ 3149.6/ 690 - Speechly 3149/3432/283 - Bradford 3432/3600/168

Balltown B 3600/3847/247 - Riley 3847/4459/612 - Benson 4459/6814/2355

Sonyea 6814/7175/361 - Middlesex 7175/7291/44 - Genesee 7291/7400/109

Geneseo 7400/7450/50 - Tully 7450/7504/54 - Hamilton 7504/7632/131

Marcellus 7632/7695/63 - Purcell 7695/7725/30 - Cherry Valley 7725--

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/8/2011	12855 - 13097		5,909.00	8,126.00	5 Min: 4450
					10 Min: 4240
					15 Min: 4131
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
90.60	8,825.00	5,239.00	1.14		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,024.00	10,218.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/8/2011	12555 - 12797		9,007.00	8,345.00	5 Min: 4712
					10 Min: 4442
					15 Min: 4301
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
79.60	8,773.00	5,734.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
308,051.00	9,171.00		2,000.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/8/2011	12255 - 12526		7,800.00	8,211.00	5 Min: 5437
					10 Min: 5090
					15 Min: 4845
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
85.80	9,012.00	5,854.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
363,331.00	10,864.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/9/2011	11955 - 12197		8,766.00	8,306.00	5 Min: 5671
					10 Min: 5398
					15 Min: 5224
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
85.60	9,090.00	6,483.00	1.3		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,412.00	10,398.00		2,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/9/2011	11655 - 11897		7,524.00	8,067.00	5 Min: 5674
					10 Min: 5588
					15 Min: 5471
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
80.00	8,695.00	5,828.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,256.00	9,749.00		2,000.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/9/2011	11355 - 11597		7,415.00	7,859.00	5 Min: 5242
					10 Min: 5000
					15 Min: 4847
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
86.20	8,925.00	5,260.00	1.14		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,880.00	9,871.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/9/2011	11055 - 11297		7,080.00	7,635.00	5 Min: 4657
					10 Min: 4493
					15 Min: 4415
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
91.40	8,823.00	5,412.00	1.16		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,957.00	10,129.00		2,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/10/2011	10755 - 10997		8,216.00	7,937.00	5 Min: 5704
					10 Min: 5392
					15 Min: 5178
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
83.20	8,908.00	5,402.00	1.29		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,204.00	11,241.00		2,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/10/2011	10455 - 10697		8,508.00	7,973.00	5 Min: 5724
					10 Min: 5558
					15 Min: 5422
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
93.20	8,886.00	6,113.00	1.25		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,676.00	9,997.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/10/2011	10155 - 10397		8,144.00	8,060.00	5 Min: 5459
					10 Min: 5250
					15 Min: 5119
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
93.70	8,982.00	5,486.00	1.16		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,860.00	9,909.00		2,000.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	9855 - 10097		6,959.00	8,121.00	5 Min: 5275
					10 Min: 5012
					15 Min: 4882
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
89.67	8,873.00	5,841.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,300.00	10,278.00		2,000.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	9555 - 9797		7,677.00	8,168.00	5 Min: 5406
					10 Min: 5112
					15 Min: 4957
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.11	8,813.00	6,029.00	1.13		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,337.00	10,005.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	9255 - 9497		8,485.00	7,777.00	5 Min: 5347
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5138
99.30	8,438.00	5,563.00	1.17		15 Min: 5026
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,033.00	10,010.00		2,000.00		
Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	8955 - 9197		7,043.00	7,988.00	5 Min: 5756
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5629
100.50	8,511.00	5,690.00	1.22		15 Min: 5533
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,760.00	9,535.00		2,000.00		
Stage	Formation	Frac Type			
15	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	8655 - 8897		7,174.00	8,359.00	5 Min: 5709
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5610
97.50	8,880.00	6,205.00	1.25		15 Min: 5536
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,574.00	9,811.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
16	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/12/2011	8355 - 8597		7,222.00	7,959.00	5 Min: 5419
					10 Min: 5233
					15 Min: 5078
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.40	8,452.00	5,519.00	1.16		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,977.00	9,831.00		2,000.00		
Stage	Formation	Frac Type			
17	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/12/2011	8055 - 8297		6,946.00	7,787.00	5 Min: 4643
					10 Min: 4539
					15 Min: 4425
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.08	8,556.00	5,090.00	1.11		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,875.00	9,687.00		2,000.00		

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-07
API #: ~~47217~~ 91-01229

Farm name: Richard D. Knotts Operator Well No.: 511400

LOCATION: Elevation: 1328 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.321868 Feet South of _____ Deg. 39 Min. 20 Sec. _____
Longitude -80.141260 Feet West of West Deg. 80 Min. 07 Sec. _____

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700				
625 Liberty Avenue, Pittsburgh, PA 15222	20	42	42	283.2
Agent: Cecil Ray	13 3/8	861.1	861.1	804
Inspector: Brian Harris	9 5/8	2,629.1	2,629.1	1,011.5
Date Permit Issued: 2011-04-22	5 1/2	10,474	10,474	1,045.8
Date Well Work Commenced: 2011-06-30				
Date Well Work Completed: 2012-02-14				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7615.78				
Total Measured Depth (ft): 10,495				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 140, 250, 500, 600				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 6,946 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 2,064 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

2012-03-07
Date

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WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Plug Back Details Including Plug Type and Depth(s): N/A

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
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Surface:

-Fourth Sand / 2,158.4 / 2,303.78 / 145.38 --

-Fifth Sand / 2,303.78 / 2,731.8 / 428.02 --

B-5 / 2,731.8 / 3,001.43 / 269.63 --

-Speechley / 3,001.43 / 4,275.68 / 1,274.25 --

-Benson / 4,275.68 / 6,592.32 / 2,316.64 --

Sonyea / 6,592.32 / 6,969.59 / 377.27 --

Middlesex / 6,969.59 / 7,035.51 / 65.92 --

Genesee / 7,035.51 / 7,139.18 / 103.67 --

Geneseo / 7,139.18 / 7,189.33 / 50.15 --

Tully / 7,189.33 / 7,250.43 / 61.1 --

Hamilton / 7,250.43 / 7,324.75 / 74.32 --

Marcellus / 7,324.75 --

Purcell / 7,448.4 --

Cherry Valley / 7,483.08 --

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MAR 18 2012

NY Department of
Environmental Conservation

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-07
API #: 91-01230

Farm name: Richard D. Knotts Operator Well No.: 513132

LOCATION: Elevation: 1328 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.321906 Feet South of _____ Deg. 39 Min. 20 Sec. _____
Longitude -80.141277 Feet West of West Deg. 80 Min. 07 Sec. _____

Company: EQT Production Company

Address: <u>EQT Plaza, Suite 1700</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>625 Liberty Avenue, Pittsburgh, PA 15222</u>	<u>20</u>	<u>42</u>	<u>42</u>	<u>191.16</u>
Agent: <u>Cecil Ray</u>	<u>13 3/8</u>	<u>860</u>	<u>860</u>	<u>797.3</u>
Inspector: <u>Brian Harris</u>	<u>9 5/8</u>	<u>2,628</u>	<u>2,628</u>	<u>1,034.1</u>
Date Permit Issued: <u>2011-04-22</u>	<u>5 1/2</u>	<u>10,369.9</u>	<u>10,369.9</u>	<u>1,251.9</u>
Date Well Work Commenced: <u>2011-08-20</u>				
Date Well Work Completed: <u>2012-02-12</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>7467.11</u>				
Total Measured Depth (ft): <u>10,385</u>				
Fresh Water Depth (ft.): <u>Not Reported</u>				
Salt Water Depth (ft.): <u>Not Reported</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>140, 255, 505, 603</u>				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 6,064 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,192 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

M. L. Best
Signature

2012-03-07
Date

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STANDARD & SOUTHERN
ENGINEERING & CONSTRUCTION

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Plug Back Details Including Plug Type and Depth(s): N/A

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
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-Fourth Sand / 2,158.4 / 2,303.78 / 145.38 --

-Fifth Sand / 2,303.78 / 2,731.8 / 428.02 --

-Speechley / 3,001.43 / 4,275.68 / 1,274.25 --

-Benson / 4,275.68 / 6,592.32 / 2,316.64 --

-Sonyea / 6,592.32 / 6,969.59 / 377.27 --

-Middlesex / 6,969.59 / 7,035.51 / 65.92 --

Genesee / 7,035.51 / 7,139.18 / 103.67 --

Geneseo / 7,139.18 / 7,189.33 / 50.15 --

Tully / 7,189.33 / 7,219.43 / 30.1 --

Hamilton / 7,250.43 / 7,324.75 / 74.32 --

Marcellus / 7,413.22 --

-Purcell / 7,448.4 --

-Cherry Valley / 7,483.08 --

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MAR 18 2012

NY State Department of
Environmental Conservation

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-08
API #: 91-01231

Farm name: Richard D. Knotts Operator Well No.: 513137

LOCATION: Elevation: 1328 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.321945 Feet South of _____ Deg. 39 Min. 20 Sec.
Longitude: -80.141296 Feet West of West Deg. 80 Min. 07 Sec.

Company: EQT Production Company

Address: EQT Plaza, Suite 1700	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
625 Liberty Avenue, Pittsburgh, PA 15222	20	40	40	
Agent: Cecil Ray	13 3/8	858.73	858.73	809.2
Inspector: Brian Harris	9 5/8	2,630.9	2,630.9	1,039.4
Date Permit Issued: 2011-04-22	5 1/2	10,491	10,491	1,328.1
Date Well Work Commenced: 2011-07-19				
Date Well Work Completed: 2012-02-07				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7658.28				
Total Measured Depth (ft): 10,491				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 136, 254, 503, 612				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 6,698 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,152 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

2012-03-08
Date

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OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	/	Bottom Depth
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-Fourth Sand / 2,158.4 / 2,303.78 / 145.38 --

-Fifth Sand / 2,303.78 / 2,731.8 / 428.02 --

-B-5 / 2,731.8 / 3,001.43 / 269.63 --

-Speechley / 3,001.43 / 4,275.68 / 1,274.25 --

-Benson / 4,275.68 / 6,592.32 / 2,316.64 --

-Sonyea / 6,592.32 / 6,969.59 / 377.27 --

Genesee / 6,969.59 / 7,139.18 / 169.59 --

Geneseo / 7,139.18 / 7,189.33 / 50.15 --

Tully / 7,189.33 / 7,250.43 / 61.1 --

Hamilton / 7,250.43 / 7,413.22 / 162.79 --

Marcellus / 7,413.22 --

-Purcell / 7,448.4 --

-Cherry Valley / 7,483.08 --

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-21

API #: 91-01232

Farm name: Richard D. Knotts

Operator Well No.: 513776

LOCATION: Elevation: 1328

Quadrangle: Rosemont

District: _____ County: Taylor, WV
Latitude: 39.322022 Feet South of _____ Deg. 39 Min. 20 Sec.
Longitude -80.141333 Feet West of West Deg. 80 Min. 07 Sec.

Company: EQT Production Company

Address: EQT Plaza, Suite 1700	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
625 Liberty Avenue, Pittsburgh, PA 15222	20	42	42	
Agent: Cecil Ray	13 3/8	859.5	859.5	784.7
Inspector: Brian Harris	9 5/8	2,629.5	2,629.5	1,003
Date Permit Issued: 2011-04-22	5 1/2	10,450.76	10,450.76	1,273.9
Date Well Work Commenced: 2011-08-03				
Date Well Work Completed: 2012-02-08				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,466.59				
Total Measured Depth (ft): 10,366				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 138, 250, 610				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 5,925 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,416 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

2012-03-21
Date

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list please see attached dvds

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s): N/A

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
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-Fourth Sand / 2,158.4 / 2,303.78 / 145.38 --

-Fifth Sand / 2,303.78 / 2,731.8 / 428.02 --

-B-5 / 2,731.8 / 3,001.43 / 269.63 --

-Speechley / 3,001.43 / 4,275.68 / 1,274.25 --

-Benson / 4,275.68 / 6,592.32 / 2,316.64 --

-Sonyea / 6,592.32 / 6,969.59 / 377.27 --

-Middlesex / 6,969.59 / 7,035.51 / 65.92 --

Genesee / 7,035.51 / 7,139.18 / 103.67 --

Geneseo / 7,139.18 / 7,189.33 / 50.15 --

Tully / 7,189.33 / 7,250.43 / 61.1 --

Hamilton / 7,250.43 / 7,413.22 / 162.79 --

Marcellus / 7,413.22 --

-Purcell / 7,448.4 --

-Cherry Valley / 7,483.08 --

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
1	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
10/27/2011	10190 - 10432		6,867.00	8,257.00	5 Min: 5159	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4809	
94.50	8,728.00	6,120.00	1.26		15 Min: 4646	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,121.00	9,931.00		2,000.00			

Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
10/27/2011	9890 - 10132		7,635.00	7,837.00	5 Min: 5059	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4775	
97.90	8,550.00	5,690.00	1.2		15 Min: 4607	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
402,140.00	9,425.00		2,000.00			

Stage	Formation	Frac Type				
3	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
10/28/2011	9590 - 9832		6,623.00	7,701.00	5 Min: 5213	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4997	
99.40	8,146.00	5,851.00	1.22		15 Min: 4777	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
406,468.00	9,536.00		2,000.00			

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	9290 - 9352		7,119.00	8,062.00	5 Min: 5467
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.80	8,773.00	6,234.00	1.27		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,169.00	9,968.00		2,000.00		

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ENVIRONMENTAL PROTECTION

Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	8990 - 9232		7,388.00	7,930.00	5 Min: 5522
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
95.90	9,040.00	6,274.00	1.28		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,070.00	10,642.00		2,000.00		

Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	8690 - 8932		6,933.00	7,914.00	5 Min: 4811
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.20	8,606.00	5,540.00	1.18		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,735.00	10,049.00		2,000.00		

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	8390 - 8632		6,871.00	8,235.00	5 Min: 5001
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4736
100.20	8,723.00	5,918.00	1.23		15 Min: 4570
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
389,645.00	9,688.00		2,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/29/2011	8090 - 8332		7,109.00	8,010.00	5 Min: 4632
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4469
99.60	8,713.00	5,639.00	1.2		15 Min: 4392
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
381,450.00	9,380.00		2,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/29/2011	7925 - 8047		6,851.00	8,454.00	5 Min: 430
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4250
77.20	9,266.00	4,759.00	1.08		15 Min: 4179
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
210,661.00	54.00		2,000.00		

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NOTES

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-14

API #: 91-01234

Farm name: Charles H. Cather et al Operator Well No.: 513057

LOCATION: Elevation: 1183 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.282000 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: -80.149816 Feet West of West Deg. _____ Min. _____ Sec.

Company: EQT Production Company

Address: EQT Plaza, Suite 1700	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
625 Liberty Avenue, Pittsburgh, PA 15222	20	40	40	80.24
Agent: Cecil Ray	13 3/8	1,070.92	1,070.92	993.1
Inspector: Brian Harris	9 5/8	2,842.5	2,842.5	1,097.4
Date Permit Issued: 2011-02-24	5 1/2	5 1/2	11,349.93	329.4
Date Well Work Commenced: 2011-09-11	5 1/2	11,349.93	11,349.93	139.15
Date Well Work Completed: 2012-02-21	5 1/2	11,349.93	11,349.93	1,322.9
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7689.83				
Total Measured Depth (ft): 11,351				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 330, 524, 605				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 2,978 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 2,921 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Michael B. Burt
Signature

2012-03-14
Date

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DEPT. OF ENVIRONMENTAL PROTECTION

Were core samples taken? Yes ☒ No ☐

Were cuttings caught during drilling? Yes ☒ No ☐

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list yes, please see cd attached to report.

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s): Plug Depth 8192.0 Type Varicem 121 Sks

Plug Back depth 6479.0 Type Plugcem 270 Sks

Formations Encountered:	Top Depth	/	Bottom Depth
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Big Lime	/ 1,320.48 / 1,424.65 / 104.17	--	Big Injun	/ 1,424.65 / 1,577.04 / 152.39	--
Weir Sand	/ 1,577.04 / 1,810 / 232.96	--	-Gantz	/ 1,810 / 1,879.22 / 69.22	--
-Fifty Foot	/ 1,879.22 / 1,949.82 / 70.6	--	-Thirty Foot	/ 1,949.82 / 2,008.36 / 58.54	--
-Gordon	/ 2,008.36 / 2,128.03 / 119.67	--	-Fourth Sand	/ 2,128.03 / 2,343.85 / 215.82	--
-Fifth Sand	/ 2,343.85 / 2,371.67 / 27.82	--	-Bayard	/ 2,371.67 / 2,783.3 / 411.63	--
-B-5	/ 2,783.3 / 3,001.61 / 218.31	--	-Speechley	/ 3,001.61 / 3,332.79 / 331.18	--
-Bradford	/ 3,332.79 / 3,522.57 / 189.78	--	-Balltown B	/ 3,522.57 / 3,717.32 / 194.75	--
-Riley	/ 3,717.32 / 4,346.2 / 628.88	--	-Benson	/ 4,346.2 / 4,704.67 / 358.47	--
Elk	/ 4,704.67 / 6,572.83 / 1,868.16	--	Sonyea	/ 6,572.83 / 6,901.42 / 328.59	--
Middlesex	/ 6,901.42 / 7,036.62 / 135.2	--	Genesee	/ 7,036.62 / 7,296.36 / 259.74	--
Geneseo	/ 7,296.36 / 7,316.42 / 20.06	--	Tully	/ 7,316.42 / 7,369.64 / 53.22	--
Hamilton	/ 7,369.64 / 7,502.25 / 132.61	--	Marcellus	/ 7,502.25	--
Purcell	/ 7,566.8	--	Cherry Valley	/ 7,599.08	--

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/7/2011	11088 - 11330		6,395.00	8,444.00	5 Min: 3703
					10 Min: 3486
					15 Min: 3359
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
86.60	9,070.00	5,112.00	1.1		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
356,570.00	11,128.00		2,000.00		

Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/7/2011	10788 - 11030		6,562.00	7,704.00	5 Min: 4949
					10 Min: 4700
					15 Min: 4515
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.10	8,277.00	5,634.00	1.17		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
396,452.00	10,050.00		2,000.00		

Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/8/2011	10488 - 10730		6,802.00	7,413.00	5 Min: 5164
					10 Min: 4914
					15 Min: 4724
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
95.30	8,926.00	5,497.00	1.15		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,046.00	10,232.00		2,000.00		

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VP Department of
Energy and Petroleum

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/8/2011	10188 - 10430		7,118.00	7,653.00	5 Min: 5219
					10 Min: 4964
					15 Min: 4802
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.40	8,268.00	5,733.00	1.18		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,055.00	9,912.00		2,000.00		

Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/8/2011	9880 - 10128		6,764.00	7,755.00	5 Min: 5320
					10 Min: 5068
					15 Min: 4906
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.20	8,536.00	5,886.00	1.2		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,877.00	11,184.00		2,000.00		

Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	9588 - 9830		6,564.00	7,439.00	5 Min: 5194
					10 Min: 5021
					15 Min: 4886
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.40	8,335.00	5,606.00	1.17		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,098.00	10,036.00		2,000.00		

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WV Department of
Environmental Protection

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	9288 - 9530		7,021.00	7,452.00	5 Min: 4242
					10 Min: 4060
					15 Min: 4024
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.10	8,393.00	4,643.00	1.04		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
378,112.00	9,748.00		2,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	8988 - 9238		6,767.00	7,480.00	5 Min: 4790
					10 Min: 4499
					15 Min: 4338
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.90	7,732.00	5,626.00	1.17		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,455.00	9,959.00		2,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	#Error		6,452.00	7,434.00	5 Min: 5157
					10 Min: 4879
					15 Min: 4702
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.10	8,228.00	5,453.00	1.15		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
409,067.00	9,997.00		2,000.00		

Reviewed
Office of Oil & Gas

MAR 16 2012

Produced Pursuant to
Executive Order 11631

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: May 30, 2012
API #: 47-103-02689

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley 2H

LOCATION: Elevation: 727' Quadrangle: Porters Falls

District: Green County: Wetzel
Latitude: 12,200 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude: 8,020 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	75'	75'	5 GTS
Agent: Tim McGregor	13.375"	665'	665'	689 - CTS
Inspector: Derek Haught	9.625"	2,190'	2,190'	945 - CTS
Date Permit Issued: 8/10/2011	5.5"		10,298'	2,411
Date Well Work Commenced: 11/28/2011				
Date Well Work Completed: 3/10/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,448				
Total Measured Depth (ft): 10,317				
Fresh Water Depth (ft.): 80				
Salt Water Depth (ft.): 1,409				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 578				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d WELL IS NOT YET STIMULATED

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

6/5/2012
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray and Mud Log

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well has not yet been stimulated. Once completed a revised WR-35 Form will be submitted.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:
Surface:

Top Depth /

Bottom Depth

See attached sheet for formations encountered and their depths.

WEEKLEY #2H

API 47-103-02689

Stone Energy Corporation

	Horizontal				
	Top (ft TVD)	Top (ft MD)	(ft)	Bottom (ft TVD)	Bottom (ft MD)
Sandstone & Shale	Surface		*	578	
Pittsburgh Coal	578		*	582	
Sandstone & Shale	582		*	1992	
Little Lime	1680		*	1710	
Big Lime	1710		*	1810	
Big Injun	1810		*	1868	
Sandstone & Shale	1686		*	2340	
Berea sandstone	2340		*	2351	
Shale	2351		*	2538	
Gordon	2538		*	2543	
Undiff Devonian Shale	2543		*	5698	5704
Rhinestreet	5698	5704	~	6100	6163
Cashaqua	6100	6163	~	6230	6355
Middlesex	6230	6355	~	6248	6385
West River	6248	6385	~	6317	6513
Geneseo	6317	6513	~	6341	6567
Tully limestone	6341	6567	~	6372	6644
Hamilton	6372	6644	~	6413	6784
Marcellus	6413	6784	~	6448	10317
TD	6448	10317			

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: May 30, 2012
API #: 47-103-02690

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley 3H

LOCATION: Elevation: 727' Quadrangle: Porters Falls

District: Green County: Wetzel
Latitude: 12,190 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude: 7,990 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Stone Energy Corporation

Address: 6000 Hampton Center, Suite B	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Morgantown, WV 26505	20"	96'	96'	GTS
Agent: Tim McGregor	13.375"	675'	675'	695 - CTS
Inspector: Derek Haught	9.625"	2,169'	2,169'	945 - CTS
Date Permit Issued: 8/15/2011	5.5"		10,824'	2,570
Date Well Work Commenced: 10/15/2011				
Date Well Work Completed: 2/11/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,442				
Total Measured Depth (ft): 10,830				
Fresh Water Depth (ft.): 98				
Salt Water Depth (ft.): 816				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 591 & 612				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d WELL IS NOT YET STIMULATED

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

6/5/2012
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray and Mud Log

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well has not yet been stimulated. Once completed a revised WR-35 Form will be submitted.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:
Surface:

Top Depth

/

Bottom Depth

See attached sheet for formations encountered and their depths.

WEEKLEY #3H
API 47-103-02690
Stone Energy Corporation

	Horizontal				
	Top	Top	(ft	Bottom (ft	Bottom (ft
	(ft TVD)	MD)		TVD)	MD)
Sandstone & Shale	Surface		*	591	
Pittsburgh Coal	591		*	596	
Sandstone & Shale	596		*	612	
Coal	612			614	
Sandstone & Shale	614			1992	
Little Lime	1680		*	1710	
Big Lime	1710		*	1810	
Big Injun	1810		*	1868	
Sandstone & Shale	1686		*	2340	
Berea sandstone	2340		*	2351	
Shale	2351		*	2538	
Gordon	2538		*	2543	
Undiff Devonian Shale	2543		*	5718	5724
Rhinestreet	5718	5724	~	6108	6184
Cashaqua	6108	6184	~	6235	6380
Middlesex	6235	6380	~	6254	6414
West River	6254	6414	~	6320	6548
Geneseo	6320	6548	~	6348	6614
Tully limestone	6348	6614	~	6378	6710
Hamilton	6378	6710	~	6418	6858
Marcellus	6418	6858	~	6442	10830
TD	6442	10830			

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: May 30, 2012
API #: 47-103-02691

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley 4H

LOCATION: Elevation: 727' Quadrangle: Porters Falls

District: Green County: Wetzel
Latitude: 12,170 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude 8,000 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: **Stone Energy Corporation**

Address: 6000 Hampton Center, Suite B	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Morgantown, WV 26505	20"	42'	42'	GTS
Agent: Tim McGregor	13.375"	696'	696'	690 - CTS
Inspector: Derek Haught	9.625"	2,157'	2,157'	1,024 - CTS
Date Permit Issued: 8/5/2011, 8/15/2011, & 3/8/2012	5.5"		12,310'	3,005
Date Well Work Commenced: 4/8/2012				
Date Well Work Completed: 4/26/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,437				
Total Measured Depth (ft): 12,350				
Fresh Water Depth (ft.): 93				
Salt Water Depth (ft.): 1,775				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 117, 183, 210, 230, & 525				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d **WELL IS NOT YET STIMULATED**

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

6/5/2012
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray and Mud Log

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well has not yet been stimulated. Once completed a revised WR-35 Form will be submitted.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:
Surface:

Top Depth

/

Bottom Depth

See attached sheet for formations encountered and their depths.

WEEKLEY #4H
API 47-103-02691
Stone Energy Corporation

	Horizontal				
	Top	Top	(ft	Bottom (ft	Bottom (ft
	(ft TVD)	MD)		TVD)	MD)
Sandstone & Shale	Surface		*	117	FW @ 93'
Coal	117			119	
Sandstone & Shale	119			183	
Coal	183			186	
Sandstone & Shale	186			210	
Coal	210			213	
Sandstone & Shale	213			230	
Coal	230			233	
Sandstone & Shale	233			525	
Pittsburgh Coal	525		*	531	
Sandstone & Shale	531		*	1992	SW @ 1775'
Little Lime	1680		*	1710	
Big Lime	1710		*	1810	
Big Injun	1810		*	1868	
Sandstone & Shale	1686		*	2340	
Berea sandstone	2340		*	2351	
Shale	2351		*	2538	
Gordon	2538		*	2543	
Undiff Devonian Shale	2543		*	5731	5766
Rhinestreet	5731	5766	~	6119	6164
Cashaqua	6119	6164	~	6235	6299
Middlesex	6235	6299	~	6251	6322
West River	6251	6322	~	6322	6332
Geneseo	6322	6332	~	6340	6460
Tully limestone	6340	6460	~	6374	6527
Hamilton	6374	6527	~	6422	6647
Marcellus	6422	6647	~	6437	12350
TD	6437	12350			

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: May 30, 2012
API #: 47-103-02692

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley 5H

LOCATION: Elevation: 727' Quadrangle: Porters Falls

District: Green County: Wetzel
Latitude: 12,180 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude: 8,020 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Stone Energy Corporation

Address: 6000 Hampton Center, Suite B	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Morgantown, WV 26505	20"	86'	86'	GTS
Agent: Tim McGregor	13.375"	678'	678'	690 - CTS
Inspector: Derek Haught	9.625"	2,143'	2,143'	945 - CTS
Date Permit Issued: 8/10/2011	5.5"		12,597'	3,057
Date Well Work Commenced: 11/6/2011				
Date Well Work Completed: 3/2/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,436				
Total Measured Depth (ft): 12,597				
Fresh Water Depth (ft.): 88				
Salt Water Depth (ft.): 1,408				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 578				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d WELL IS NOT YET STIMULATED

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

6/5/2012
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray and Mud Log

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well has not yet been stimulated. Once completed a revised WR-35 Form will be submitted.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:
Surface:

Top Depth /

Bottom Depth

See attached sheet for formations encountered and their depths.

WEEKLEY #5H
API 47-103-02692
Stone Energy Corporation

	Horizontal				
	Top	Top	(ft	Bottom (ft	Bottom (ft
	(ft TVD)	MD)		TVD)	MD)
Sandstone & Shale	Surface		*	578	FW @ 88'
Pittsburgh Coal	578		*	585	
Sandstone & Shale	585		*	1992	SW @ 1408'
Little Lime	1680		*	1710	
Big Lime	1710		*	1810	
Big Injun	1810		*	1868	
Sandstone & Shale	1686		*	2340	
Berea sandstone	2340		*	2351	
Shale	2351		*	2538	
Gordon	2538		*	2543	
Undiff Devonian Shale	2543		*	5715	5764
Rhinestreet	5715	5764	~	6007	6120
Cashaqua	6007	6120	~	6232	6520
Middlesex	6232	6520	~	6251	6568
West River	6251	6568	~	6319	6740
Geneseo	6319	6740	~	6343	6806
Tully limestone	6343	6806	~	6375	6902
Hamilton	6375	6902	~	6417	7076
Marcellus	6417	7076	~	6436	12597
TD	6436	12597			

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: May 30, 2012
API #: 47-103-02693

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley 6H

LOCATION: Elevation: 727' Quadrangle: Porters Falls

District: Green County: Wetzel
Latitude: 12,170 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude: 8,030 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	61'	61'	GTS
Agent: Tim McGregor	13.375"	704'	704'	696 - CTS
Inspector: Derek Haught	9.625"	2,175'	2,175'	953 - CTS
Date Permit Issued: 8/10/2011	5.5"		12,664'	3,080
Date Well Work Commenced: 10/25/2011				
Date Well Work Completed: 2/21/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,426				
Total Measured Depth (ft): 12,679				
Fresh Water Depth (ft.): 98				
Salt Water Depth (ft.): None Reported				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 584				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d WELL IS NOT YET STIMULATED

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

6/5/2012
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray and Mud Log

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Well has not yet been stimulated. Once completed a revised WR-35 Form will be submitted.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached sheet for formations encountered and their depths.

WEEKLEY #6H
API 47-103-02693
Stone Energy Corporation

	Horizontal				
	Top	Top	(ft	Bottom (ft	Bottom (ft
	(ft TVD)	MD)		TVD)	MD)
Sandstone & Shale	Surface		*	584	FW @ 98'
Pittsburgh Coal	584		*	590	
Sandstone & Shale	590		*	1992	
Little Lime	1680		*	1710	
Big Lime	1710		*	1810	
Big Injun	1810		*	1868	
Sandstone & Shale	1686		*	2340	
Berea sandstone	2340		*	2351	
Shale	2351		*	2538	
Gordon	2538		*	2543	
Undiff Devonian Shale	2543		*	5737	5745
Rhinestreet	5737	5745	~	6124	6203
Cashaqua	6124	6203	~	6233	6369
Middlesex	6233	6369	~	6254	6403
West River	6254	6403	~	6322	6521
Geneseo	6322	6521	~	6343	6560
Tully limestone	6343	6560	~	6371	6624
Hamilton	6371	6624	~	6424	6780
Marcellus	6424	6780	~	6426	12679
TD	6426	12679			

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log